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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/076,275	
	Filing Date	February 14, 2002	
	First Named Inventor	Dieterich, Lawrence S.	
	Art Unit	3677	
	Examiner Name	Brittain, James R	
Total Number of Pages in This Submission	68	Attorney Docket Number	

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Drawing(s) One Sheet	<input type="checkbox"/> After Allowance communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Note To Examiner (1 sheet)
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	Informal Key To Claims (1 sheet)
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	Request for Approval Of Proposed Drawing Amendment (1 sheet)
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Dieterich, Lawrence S.
Signature	
Date	September 18, 2003

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Dieterich, Lawrence S.		
Signature		Date	September 18, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (08-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1029.00

Complete if Known

Application Number 10/076,275
Filing Date Feb. 14, 2002
First Named Inventor Lawrence S. Dieterich
Examiner Name James R. Brittain
Art Unit 3677
Attorney Docket No.

METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number
Deposit Account Name

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments

☐ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		Extra Claims		Fee from below		Fee Paid
64	-20** =	44	X	9	=	396
7	-3** =	4	X	42	=	168

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 564

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	465
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 465

SUBMITTED BY

Name (Print/Type) Lawrence S. Dieterich

Registration No.
(Attorney/Agent)

(Complete if applicable)

Telephone 530-758-9260

Signature

Date

Sept. 18, 2003

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Note to the Examiner:

Sept 18, 2003

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Sir,

Included please find a single sheet Informal Key To Claims, which Applicant prepared for his own use.

Applicant found the key to be a helpful guide when reading the claims.

The key is provided for the use by the Examiner, if so desired.

Respectfully,

Applicant:

Lawrence S. Dieterich
POB 72095
Davis, CA 95617-2095
530-758-9260
water@well.com

ref: Dieterich, Appn. Ser No 10/076,275



Informal Key To The Claims

Applicant Name: Dieterich, Appn. Ser No 10/076,275 (Amendment B)

Independent Claims

- 21 - General unifying claim
- 31 - Method of Clustering
- 41 - Method of Spatial-Bridging
- 51 - Method of Gender-Bridging
- 61 - Tie with a gap and a narrowed twisting-folding-spanning element
- 67 - Claim 21 without means
- 75 - Method of Weak-Securement

Dependent Claims

Fastener is hook and loop
22, 32, 42, 52, 62, 68, 76

Reversible-folding and joining means is the support element
23, 33, 43, 53, 77

Reversible-folding and joining means is a narrowed spanning element
24, 34, 44, 54, 78

Tie includes a gap spanned by a flexible narrowed spanning-element
25, 35, 45, 55, 69, 79

Strip-like Tie
26, 36, 46, 56, 63, 70, 80

Furcated strip
27, 37, 47, 57, 64, 71, 81

Star-like Tie
28, 38, 48, 58, 65, 72, 82

Checkerboard-like Tie
29, 39, 49, 59, 73, 83

Bulk Tie separated into Smaller Ties
30, 40, 50, 60, 66, 74, 84

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In the United States Patent and Trademark Office

Application Number: 10/076,275
Application Filed: Feb 14, 2002
Applicant: Dieterich, Lawrence Stephen
Title: Folding Tie
Examiner/GAU: James R. Brittain / 3677

Mailed: 2003, September 18
At: Davis, CA

Request for Approval of Proposed Drawing Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Sir:

Applicant respectfully requests permission to amend the drawing of the above application after allowance. The proposed changes to Fig 10 of Sheet 6 thereof are attached below.

Very respectfully,

Applicant:
Lawrence S. Dieterich
PO Box 72095, Davis, CA
95617-2095
530-758-9260

Certificate of Mailing:

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Date: 2003, September 18

Lawrence S. Dieterich, Applicant